

Amendments to the Claims:

This listing of claims shall replace all prior versions and listing of the claims in this application:

Claims 1-53. (Canceled)

54. (New) An expandable medical device for delivery of a beneficial agent, the device comprising:

a substantially cylindrical device which is expandable from a cylinder having a first diameter to a cylinder having a second diameter, the substantially cylindrical device comprising a plurality of structural members;

a first plurality of openings formed in the plurality of structural members containing a first beneficial agent for delivery to tissue, wherein the first plurality of openings are positioned on first and second ends of the cylindrical device;

a second plurality of openings formed in the substantially cylindrical device containing a second beneficial agent for delivery to tissue, wherein the second plurality of openings are positioned on a central portion of the cylindrical device between the first and second ends, and wherein the second beneficial agent is different than the first beneficial agent, but the first and second beneficial agent each include a form of the same drug.

55. (New) The device of Claim 54, wherein the plurality of structural members comprises a plurality of deformable members and a plurality of non-deformable members.

56. (New) The device of claim 55, wherein the first plurality of openings containing first beneficial agent and the second plurality of openings containing second beneficial agent are positioned on non-deformable members.

57. (New) The device of Claim 54, wherein the first plurality of openings is a first plurality of through-openings, and the second plurality of openings is a second plurality of through-openings.

58. (New) The device of Claim 54, wherein the drug in the first beneficial agent is in a different concentration than in the second beneficial agent.

59. (New) The device of Claim 54, wherein the drug in the first beneficial agent has a different eluting profile than in the second beneficial agent.

60. (New) The device of Claim 54, wherein the form of the drug in the first beneficial agent is the same as the form of the drug in the second beneficial agent.

61. (New) The device of Claim 54, wherein the form of the drug in the first beneficial agent is different from the form of the drug in the second beneficial agent.

62. (New) The device of Claim 54, wherein the first plurality of openings contain a first beneficial agent having a higher concentration than the second beneficial agent contained in the second plurality of openings.

63. (New) The device of Claim 54, further comprising a third beneficial agent coated on the substantially cylindrical device.

64. (New) The device of Claim 54, wherein the drug is paclitaxel, or an analogue or derivative thereof.

65. (New) The device of Claim 54, wherein the drug is rapamycin, or an analogue or derivative thereof.

66. (New) The device of Claim 54, wherein the first and second plurality of openings are laser cut through-holes.

67. (New) The device of Claim 54, wherein the substantially cylindrical device is a stent.

68. (New) A tissue supporting device comprising:
a tissue supporting device body configured to support a bodily lumen;
a first beneficial agent contained in first openings in the tissue supporting device for delivery to tissue, wherein the first openings are positioned on first and second ends of the device body and the first beneficial agent includes a first form of a first drug;
a second beneficial agent contained in second openings in the tissue supporting device for delivery to tissue, wherein the second openings are positioned on a central portion of the device body between the first and second ends and the second beneficial agent includes a second form of the first drug; and
the first beneficial agent differs from the second beneficial agent.

69. (New) The device of Claim 68, wherein the first drug in the first beneficial agent is in a different concentration than in the second beneficial agent.

70. (New) The device of Claim 68, wherein the first drug is paclitaxel, or an analogue or derivative thereof.

71. (New) The device of Claim 68, wherein the first drug is rapamycin, or an analogue or derivative thereof.

72. (New) The device of Claim 68, wherein the first drug in the first beneficial agent has a different eluting profile from in the second beneficial agent.

73. (New) The device of Claim 68, wherein the first and second beneficial agents comprise the same forms of the first drugs.

74. (New) The device of Claim 68, wherein the first and second beneficial agents comprise different forms of the first drug.

75. (New) The device of Claim 68, wherein the first and second plurality of openings are laser cut through-holes.

76. (New) The device of Claim 68, wherein the tissue supporting device is a stent.

77. (New) An expandable medical device for delivery of a beneficial agent, the device comprising:

a device body which is expandable from an initial configuration to an expanded configuration defining a cylinder having end holes at opposite ends of the device;

a side hole in the device body between the opposite ends and having a center axis substantially perpendicular to a longitudinal axis of the device body and configured to accommodate a bifurcation in a lumen;

a first plurality of openings formed in the device body containing a first beneficial agent for delivery to tissue at the expanded configuration, wherein the first plurality of through openings are formed in an area surrounding the side hole; and

a second plurality of openings formed in the body device in an area away from the side hole.

78. (New) The device of Claim 77, wherein the device body includes a plurality of interconnected struts and the first and second plurality of openings are formed in the struts.

79. (New) The device of Claim 77, wherein first beneficial agent includes a higher concentration of an anti-restenosis agent than a second beneficial agent in the second plurality of openings.

80. (New) An expandable medical device for delivery of a beneficial agent, the device comprising:

a substantially cylindrical device which is expandable from a cylinder having a first diameter to a cylinder having a second diameter;

a first plurality of openings formed in the substantially cylindrical device containing the beneficial agent in a first concentration;

a second plurality of openings formed in the substantially cylindrical device containing the beneficial agent in a second concentration, wherein the first and second plurality of openings are arranged to deliver a uniform distribution of a drug to the tissue of a body passageway.

81. (New) The device of Claim 80, wherein the substantially cylindrical device includes a plurality of interconnected struts and bridging elements, the first plurality of openings are formed in the struts, and the second plurality of openings are formed in the bridging elements.

82. (New) The device of Claim 80, wherein a volume of the first plurality of openings per unit of surface area of the expanded device is greater than a volume of the second plurality of openings per unit of surface area and the first concentration is less than the second concentration to achieve the uniform distribution of the drug.

83. (New) The device of Claim 80, wherein the first and second plurality of openings are different sizes.

84. (New) The device of Claim 80, wherein the first and second plurality of openings are laser cut through-holes.

85. (New) A tissue supporting device comprising:

a generally cylindrical tissue supporting device body configured to support a bodily lumen;

a plurality of first openings in the tissue supporting device body, wherein the first openings contain a first beneficial agent; and

a plurality of second openings in the tissue supporting device body, wherein the second openings contain a second beneficial agent;

wherein the tissue supporting device body comprises a plurality of deformable members and non-deformable members, the plurality of first and second openings being positioned in the non-deformable members.

86. (New) The device of Claim 85, wherein the second beneficial agent includes a drug which is the same as a drug included in the first beneficial agent in a different concentration.

87. (New) The device of Claim 85, wherein the second beneficial agent includes a drug which is the same as a drug included in the first beneficial agent with a different eluting profile.

88. (New) The device of Claim 85, wherein the first and second beneficial agents comprise different drugs.

89. (New) The device of Claim 85, wherein the first and second beneficial agents comprise different forms of the same drug.

90. (New) The device of Claim 85, wherein the plurality of first openings contain a first beneficial agent having a higher concentration than the second beneficial agent contained in the plurality of second openings.

91. (New) The device of Claim 85, further comprising a third beneficial agent coated on the substantially cylindrical device.

92. (New) The device of Claim 85, wherein the first beneficial agent is paclitaxel, or an analogue or derivative thereof.

93. (New) The device of Claim 85, wherein the first beneficial agent is rapamycin, or an analogue or derivative thereof.

94. (New) The device of Claim 85, wherein the plurality of first and second through openings are laser cut through-holes.

95. (New) The device of Claim 85, wherein the plurality of first and second openings have different shapes.

96. (New) The device of Claim 85, wherein the plurality of first and second openings have different sizes.